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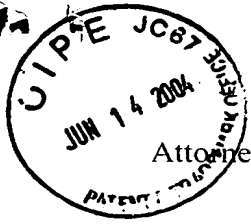
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Attorney Docket No. 5649-1270

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Se-ho Lee

Group Art Unit: 2824

Serial No.: 10/807,077

Confirmation No.: 4066

Filed: March 23, 2004

For: **LOW-CURRENT AND HIGH-SPEED PHASE-CHANGE MEMORY
DEVICES AND METHODS OF DRIVING THE SAME**

June 10, 2004

Office of Patent Legal Administration
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PETITION TO ACCORD THE PROPER FILING DATE

Sir:

As set forth in 37 CFR § 1.10(c) and MPEP § 506.02, Applicant hereby petitions to grant the proper filing date of March 23, 2004 rather than March 22, 2004 for the above-identified patent application as this was the date the application was deposited as "Express Mail" in the U.S. Postal Service. The following is enclosed as evidence of March 23, 2004 being the correct filing date for the application, which was properly filed under 37 C.F.R. § 1.10:

1. A true and accurate copy of the Cover Sheet for the Application showing the Express Mail signature and date on Page 2;
2. A true and accurate copy of the Express Mail Receipt along with a copy of the USPS-Track & Confirm from the web page (www.usps.com) , showing "acceptance" or deposit date with the USPS at 5:43 p.m. on March 23, 2004; and
3. A true and accurate copy of our return post card and of the official filing receipt for this application, sent by the United States Patent and Trademark Office, showing that Applicant was improperly given the filing date of March 22, 2004 instead of the Express Mail date of March 23, 2004.

In re: Se-ho Lee
Serial No.: 10/807,077
Filed: March 23, 2004
Page 2

This petition is being filed promptly after Applicant became aware of the improperly accorded filing date. Accordingly, Applicant respectfully requests the granting of March 23, 2004 as the filing date pursuant to 37 CFR § 1.10.

On the basis that Applicant properly followed the requirements of 37 CFR § 1.10 and the USPTO failed to accord the proper filing date under MPEP § 505 and thus the need to file this petition is due to error on the part of the USPTO, it is applicant's belief that no fee is due with this petition. However, the Commissioner is authorized to charge any deficiency or credit any overpayment to Deposit Account No. 50-0220.

Respectfully submitted,

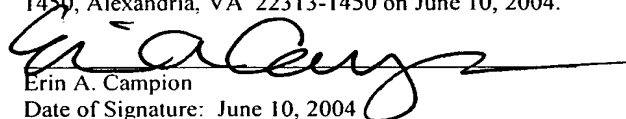


Timothy J. O'Sullivan
Attorney For Applicant
Registration No. 35,632

USPTO Customer No. 20792
Myers Bigel Sibley & Sajovec
Post Office Box 37428
Raleigh, North Carolina 27627
Telephone: 919/854-1400
Facsimile: 919/854-1401

Certificate of Mailing under 37 CFR 1.8

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Erin A. Campion
Date of Signature: June 10, 2004

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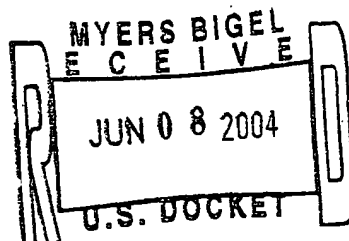


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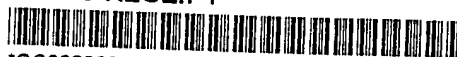
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10/807,077	03/22/2004	2824	1406	5649-1270	9	41	6

Timothy J. O'Sullivan
Myers Bigel Sibley & Sajovec
Post Office Box 37428
Raleigh, NC 27627



CONFIRMATION NO. 4066
FILING RECEIPT



OC000000012869650

Date Mailed: 06/04/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Se-ho Lee, Seoul, KOREA, REPUBLIC OF;

Domestic Priority data as claimed by applicant

Foreign Applications

REPUBLIC OF KOREA 10-2003-0021419 04/04/2003

If Required, Foreign Filing License Granted: 06/03/2004

Projected Publication Date: 10/07/2004

Non-Publication Request: No

Early Publication Request: No

06-07-04 A09:28 IN

Title

Low-current and high-speed phase-change memory devices and methods of driving the same

Preliminary Class

365

5

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Title 35, United States Code, Section 184
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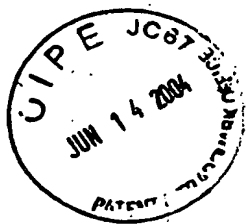
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

ATTY DOCKET NO.: 5649-1270

DATE: March 23, 2004

**UTILITY PATENT APPLICATION TRANSMITTAL LETTER
AND FEE TRANSMITTAL FORM (37 CFR § 1.53(b))**

Mail Stop PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing under 37 CFR § 1.53(b) is:

- ☒ a patent application
☐ a Continuation ☐ a Divisional ☐ a Continuation-in-Part (CIP) Application of prior application no.: _____; filed _____, the disclosure of which is incorporated herein by reference in its entirety.
☒ and claims priority to Korean Patent Application Serial No. 10-2003-0021419; filed April 4, 2003.

Inventor(s) or Application Identifier:

Se-ho Lee

Entitled: **LOW-CURRENT AND HIGH-SPEED PHASE-CHANGE MEMORY DEVICES AND METHODS OF DRIVING THE SAME**

Myers Bigel Sibley & Sajovec, P.A.

P. O. Box 37428

Raleigh, North Carolina 27627

Telephone: (919) 854-1400

Facsimile: (919) 854-1401

Customer No. 20792

Enclosed are:

1. ☒ Application Transmittal Letter and Fee Transmittal Form (*A duplicate is enclosed for fee processing*)
2. ☒ 22 pages of Specification (including 41 claims)
3. ☒ 9 sheet of Formal Drawings (35 USC 113)
4. ☒ Oath or Declaration.
 - a. ☒ newly executed (*original or copy*)
 - b. ☐ copy from prior application (37 CFR 1.63(d) (*for continuation/divisional*)) [Note Box 6 Below]
 - c. ☐ **DELETION OF INVENTOR(S)** (*Signed statement deleting inventor(s) named in the prior application*)
5. ☐ Application Data Sheet. See 37 CFR 1.76
6. ☐ Incorporation By Reference (*useable if box 4b is checked*)

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
7. ☐ Microfiche Computer Program (*Appendix*)

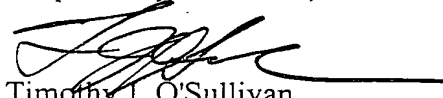
8. ☒ Assignment papers (cover sheet(s) and document(s))
 9. ☐ Applicant claims small entity status. See 37 CFR § 1.27.
 10. ☐ Information Disclosure Statement, PTO-1449, and _____ reference(s) cited
 11. ☒ Preliminary Amendment (*Please enter all claim amendments prior to calculating the filing fee.*)
 12. ☐ English Translation Document
 13. ☒ Certified Copy of Korean Application No. 10-2003-0021419 Filed April 4, 2003
 14. ☐ Sequence Listing/ Sequence Listing Diskette
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 15. ☐ An Associate Power of Attorney
 16. ☒ Return Receipt Postcard (MPEP 503) (*Should be specifically itemized*)
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☒ The Commissioner is hereby authorized to credit overpayments or charge the following fees associated with this communication to Deposit Account No. 50-0220:
 a. ☒ Additional filing fees under 37 CFR 1.16 for presentation of extra claims.
 b. ☒ Additional patent application processing fees under 37 CFR 1.17.

Respectfully submitted,



Timothy J. O'Sullivan
 Registration No. 35,632

CERTIFICATE OF EXPRESS MAILING

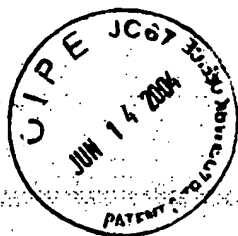
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Date: 3/23/04
Doc. No. 5049-1270
Serial No. 12a
Inventor: Se-ho Lee

03-31-04

Sir: Kindly acknowledge receipt of the accompanying items listed below
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- ☒ Application Transmittal and:
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Respectfully submitted,
MYERS BIGEL SIBLEY & SAJOVEC, P.A.
Attorneys for Applicant